

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad>

1. Introduction
2. Tools and Raw Materials
3. Making Process
4. Products
5. Contact Details



Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/introduction>

Introduction

The Traditional Jewellery of any region or culture helps in recognizing the tribe or the people that they belong to. It is the essential part of an individual that enhances the appearance with a unique identification to which region they belong to.

Gujarat has a variety of cultures with various functions and different traditions of dancing played here. People here belongs to the varied castes with different religions and communities with some languages like Marwari, Hindi, Marathi, Urdu, Sindhi, Kachchi etc. It is one of the old states of India that represents the authentic and graceful culture and tradition of India. With reference to the history with the very old Harappa civilization that existed long years ago.

Jewellery can be made from a wide range of materials with imitation metals, coloured beads, coloured stones etc. and worn by both men and woman. Mostly it is seen that the adult women are more constant wearers of the traditional jewellery. Jewellery has been adorned with more body parts from the hairpins to the toe rings. The traditional Jewellery of Gujarat is specially made by the group of women who gather at different locations allotted with different duties in the making of the jewellery.



A kamar bandha with red and black beads.

1. Introduction
2. Tools and Raw Materials
3. Making Process
4. Products
5. Contact Details

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/introduction>

1. Introduction

2. Tools and Raw Materials

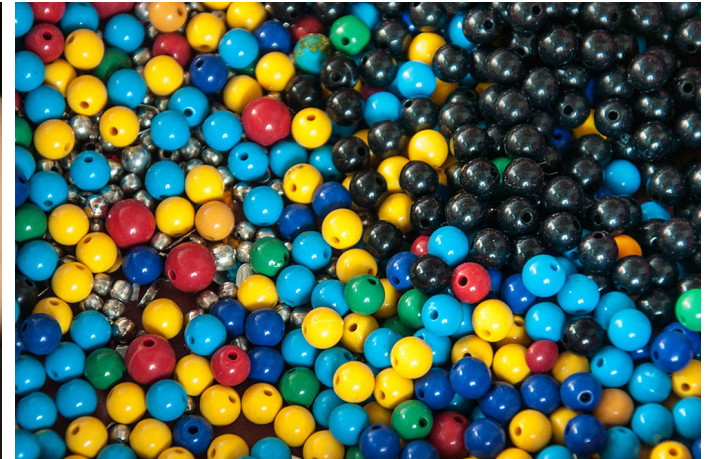
3. Making Process

4. Products

5. Contact Details



Traditional earrings of Gujarat.



Beads of yellow, red and black colors.



Imitation jewelry casting machine.



Collection of different set of silver beads.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/tools-and-raw-materials>

Tools and Raw Materials

The following are the tools and raw materials required for the traditional jewellery making:

- **Hammer:** It is used to break apart shisha material (locally called, aluminium alloy) for easy melting.
- **Pliers:** It is a hand tool generally used for bending and compressing the wide range of materials.
- **Fabric Glue:** It is used to stick the coloured stones in the gaps provided.
- **Woollen Yarn:** It is generally preferred to make the necklace and the coloured waistbands (Kamarbandha locally called).
- **Needle:** It is used to pull the beads and ornamental items through the woollen yarn.
- **Spoons:** It is used to pour the molten material into imitation jewellery casting machine.
- **Scissor:** It is used to cut the extra length of the woollen yarn.
- **Hand Gloves:** Woollen gloves are generally preferred for separating the casted materials.
- **File Tool:** It is used to give the fine shape to the imitation jewellery material.
- **Aluminum Alloy (shisha):** It is used as the base material for the traditional jewellery making.
- **Kundans:** It is the traditional form of jewellery with gem stones.
- **Beads:** Small, medium size beads of silver finish and plastic beads are preferred in the jewellery making.
- **Pendants:** It is used to hang down for the better look of the jewellery.
- **Forceps:** It is used for clutching and holding the small objects.
- **Bowl (Vessel):** It is used to melt the material to molten stage.
- **Stove with LPG:** It is the fuel used in melting the material to molten stage.
- **Imitation Jewellery Casting Machine:** It is used to cast the required quantity of imitated jewelries.

1. Introduction

2. **Tools and Raw Materials**

3. Making Process

4. Products

5. Contact Details

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

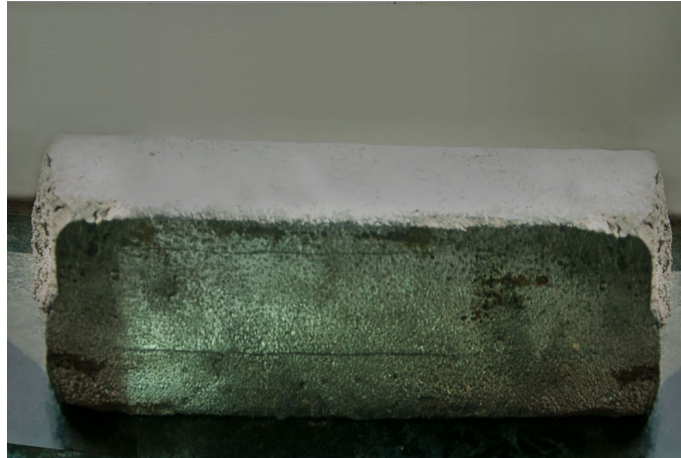
Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/tools-and-raw-materials>



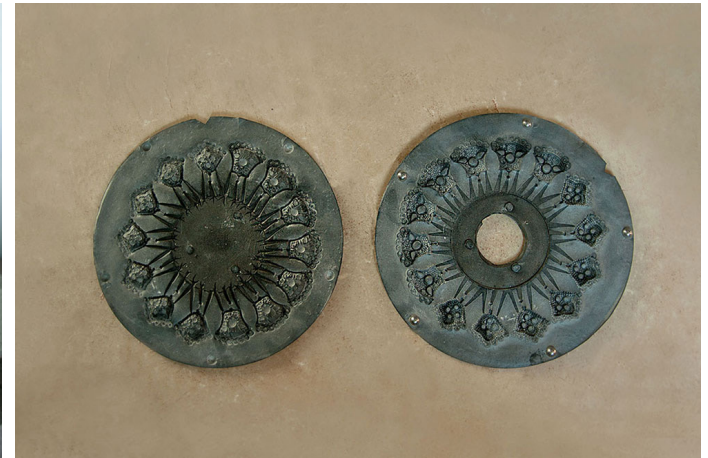
Block of Aluminum alloy before melting.



Vessel (kadhai) on stove used to melt metal alloys.



Imitation jewelry machine where metal alloy is casted to jewelry designs.



Rubber molds with jewelry design.

1. Introduction

2. **Tools and Raw Materials**

3. Making Process

4. Products

5. Contact Details

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/tools-and-raw-materials>

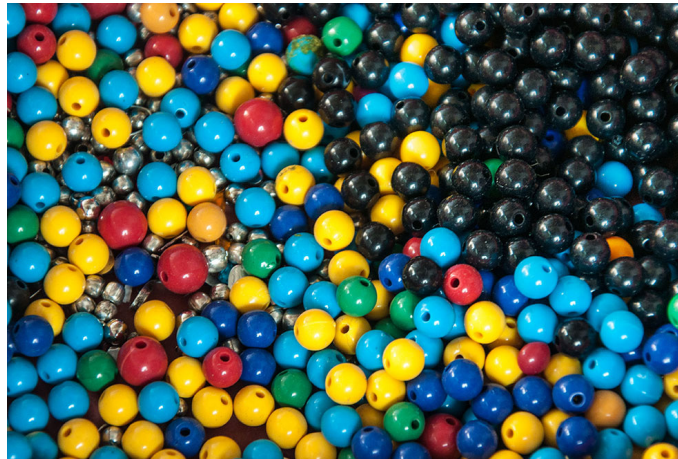
1. Introduction
2. **Tools and Raw Materials**
3. Making Process
4. Products
5. Contact Details



Screw driver, slotted spoon to stir the alloy when melting, hammer and a ladle to pour melted alloy to casting machine.



Black thick thread that holds colorful beads and pendants together to make neckpieces and kamar bandha.



Beads of various bright color.



Silver beads that make accessories look more beautiful.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/tools-and-raw-materials>

1. Introduction

2. **Tools and Raw Materials**

3. Making Process

4. Products

5. Contact Details



Plier and files.



Glue is used to stick stones.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

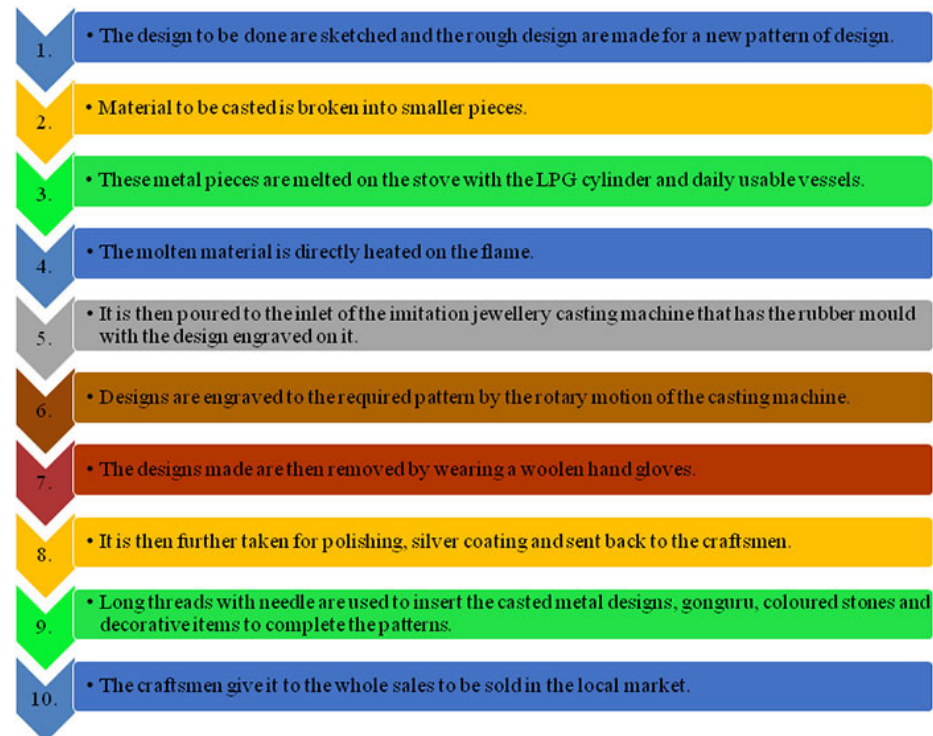
<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/making-process>

Making Process

Most of the traditional jewellery are handcrafted with the personalized designs others are executed by the casting machines. In the casting machines firstly the designs are sketched with the basic concepts with the rough design to create the original piece of Jewellery. The material to be casted is broken into smaller pieces and heat is provided so that it is melted easily on the stove with LPG connected to it. The melted material (aluminium alloy) is directly placed on the direct flame and poured to the inlet of the imitation jewellery casting machine that has the rubber mould with the design engraved to obtain the required pattern in the rotary motion.

The machine is stopped after few seconds and then the casted material is separately removed by wearing the woolen hand gloves. The imitated casted material is further sent for polishing and silver coating and then for attaching of the ghungroo (locally called) smaller parts and coloured decorative stones to complete the pattern of the designs. After making these traditional ornaments, the artisan gives it in whole sale as it is more sold in the local markets.

Flow Chart of Making Process:



1. Introduction

2. Tools and Raw Materials

3. **Making Process**

4. Products

5. Contact Details

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/making-process>

1. Introduction
2. Tools and Raw Materials
3. **Making Process**
4. Products
5. Contact Details



Alloy is first melted in kadai (vessel) on a stove.



Rubber mold with jewelry design.



Placing lid with narrow opening on mold inside imitation jewelry machine.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/making-process>

1. Introduction
2. Tools and Raw Materials
3. **Making Process**
4. Products
5. Contact Details



The melted alloy is poured through an opening kept on mold.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/making-process>

1. Introduction
2. Tools and Raw Materials
3. **Making Process**
4. Products
5. Contact Details



The lid that is kept on mold is taken out after few seconds.



Alloy casted to jewelry design.



The casted alloy is broken to single pieces.



Single pieces of alloy are sieved to threads along with beads.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/making-process>

1. Introduction
2. Tools and Raw Materials
3. **Making Process**
4. Products
5. Contact Details



A close look of beads getting sieved.



The thread is tied to a chain in the end.



Jewelry is completed after sticking color stones.



Artisan holding a beautifully done kamar bandha.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/products>

Products

Gujarat is one of the main centers of the Indus Valley Civilization which even today in some parts purely follows the typical traditional way of wearing the jewellery and clothing. In some cases they have a fusion of the traditional designs with the contemporary ones. Some of the jewellery items are ear rings, necklace, bracelets, nose rings, bangles, rings and waist bands (Kamarbandha). The traditional Indian jewellery motifs are usually inspired by the nature with floral patterns of different types of flowers, leaves, birds etc. It is generally sold in lots and in kgs as it is the traditional jewellery of Gujarat.



Kamar bandha with bright set of beads.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery
by

Prof. Bibhudutta Baral, Divyadarshan C. S. and
Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/products>

1. Introduction
2. Tools and Raw Materials
3. Making Process
4. **Products**
5. Contact Details



Kamar bandha with red and black beads.



Set of neckpiece and earrings.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/products>

1. Introduction
2. Tools and Raw Materials
3. Making Process
4. **Products**
5. Contact Details



Neckpiece with purple, red beads and light color stones.



Beautiful neckpiece.



Baithale bottu.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/products>

1. Introduction
2. Tools and Raw Materials
3. Making Process
4. **Products**
5. Contact Details



Pair of Earrings.

Design Resource

Traditional Jewellery - Ahmedabad

Making of the Traditional Jewellery

by

Prof. Bibhudutta Baral, Divyadarshan C. S. and

Lija M. G.

NID Campus, Bengaluru

Source:

<http://www.dsource.in/resource/traditional-jewellery-ahmedabad/contact-details>

Contact Details

This documentation was done by Prof. Bibhudutta Baral, Divyadarshan C. S. and Lija M. G. at **NID Campus, Bengaluru**.

You can get in touch with

- Prof. Bibhudutta Baral at [bibhudutta\[at\]nid.edu](mailto:bibhudutta[at]nid.edu)

You could write to the following address regarding suggestions and clarifications:

Helpdesk Details:

Co-ordinator

Project e-kalpa

R & D Campus

National Institute of Design

#12 HMT Link Road, Off Tumkur Road

Bengaluru 560 022

India

Phone: +91 80 2357 9054

Fax: +91 80 23373086

Email: [dsource.in\[at\]gmail.com](mailto:dsource.in[at]gmail.com)

1. Introduction

2. Tools and Raw Materials

3. Making Process

4. Products

5. **Contact Details**